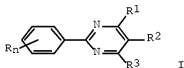


TITLE: Use of phenylpyrimidines as plant growth regulators
 INVENTOR(S): Seiler, Alfred; Mueller, Urs
 PATENT ASSIGNEE(S): Ciba-Geigy A.-G. , Ger. Dem. Rep.
 SOURCE: Eur. Pat. Appl., 57 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 136976	A2	19850410	EP 1984-810408	19840820 <--
EP 136976	A3	19850515		
R: BE, CH, DE, FR, GB, IT, LI, NL				
JP 60072808	A	19850424	JP 1984-175823	19840823 <--
PRIORITY APPLN. INFO.:			CH 1983-4614	A 19830823 <--
OTHER SOURCE(S):		MARPAT 104:47176		
ED Entered STN: 23 Feb 1986				
GI				

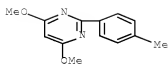


AB The phenylpyrimidines I (R = H, halo, NO₂, CN, OH, alkyl, etc.; R₁ and R₂ = H, halo, alkyl, alkoxyalkyl, etc.; R₃ = H, halo, alkyl, haloalkyl, or Ph) are plant growth regulators. Thus, 2-phenyl-4,6-dichloropyrimidine [3740-92-9] (500 mg/kg), applied as a seed dressing, increased the length and weight of wheat roots. The synthesis of I is given.

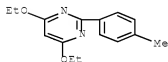
IC ICM A01N043-54
 CC 5-3 (Agrochemical Bioregulators)
 Section cross-reference(s): 28

IT

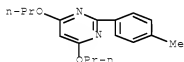
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29954-25-4P	35252-98-3P	72520-17-3P	77232-12-3P	
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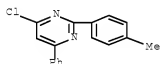
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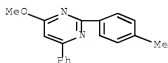
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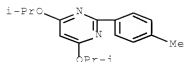
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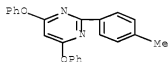


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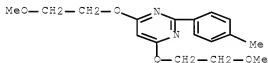
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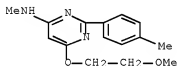
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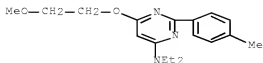
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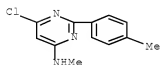
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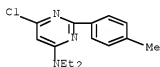
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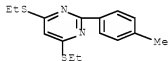
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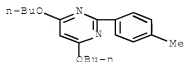
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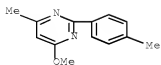
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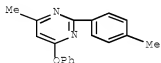
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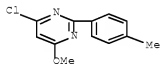
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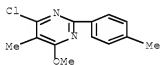
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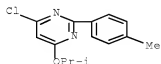
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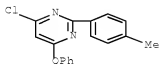
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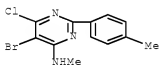
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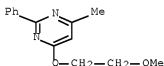
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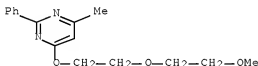
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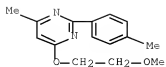
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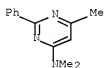
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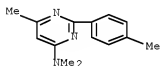
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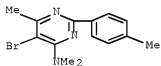
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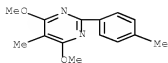
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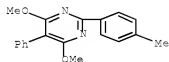


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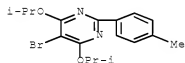
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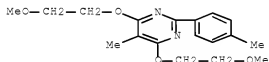
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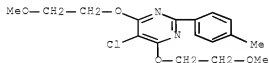
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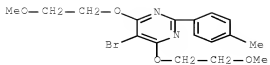
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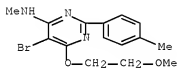


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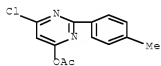
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CN 4-Pyrimidinamine, 5-bromo-6-(2-methoxyethoxy)-N-methyl-2-(4-methylphenyl)-
(CA INDEX NAME)



RN 83217-71-4 HCAPLUS

CN 4-Pyrimidinol, 6-chloro-2-(4-methylphenyl)-, 4-acetate (CA INDEX NAME)



RN 97513-49-0 HCAPLUS

CN 4-Pyrimidinesulfonic acid, 3,6-dihydro-2-(4-methylphenyl)-6-oxo-, methyl
ester (CA INDEX NAME)

